

Dr. Brickwedde Given Chemical Society's Annual Award

Bureau of Standards Laboratory Head Wins Hillebrand Prize

The annual Hillebrand prize of the Chemical Society of Washington was awarded at the society's annual dinner at the Cosmos Club last night to Dr. Ferdinand G. Brickwedde of the Bureau of Standards for his part in the isolation of heavy hydrogen and his fundamental studies on its properties over the last decade.

Dr. Brickwedde, head of the bureau's low-temperature laboratory, prepared the original samples of heavy hydrogen or deuterium, which opened the door to a new chemistry and one of the great scientific revolutions of all times. For the identification of the substance the Nobel Prize was awarded in 1936 to Dr. Harold G. Urey of Columbia University, who was the guest speaker at the dinner last night.

Enormous Possibilities. The significance of the achievement lay in the enormous possibilities which it opened, some of which have already been explored with startling results. Hydrogen, atom of which in its previously known form consisted simply of one electron spinning around one proton, is the mother element of creation. All other elements probably have been built up from it. The deuterium separated by Dr. Brickwedde is exactly twice as heavy as a stepping stone between ordinary hydrogen and the next heaviest element, the rare sun gas helium. Since its electric charge does not change, however, it remains hydrogen.

Deuterium first became known popularly as one of the constituents of heavy water, the physiological effects of which, on the animal system, have been carefully investigated. The real significance, however, lay in the fact that it opened up the entire field of isotopic chemistry.

Isolation of Elements. From it, directly or indirectly, has come the isolation of heavier or lighter forms of other elements, the transmutation of elements by the great atom-smashing machines, the creation of new radio-active elements and the present remote possibility of tapping atomic energy through one of the isotopes of uranium.

Dr. Brickwedde was introduced by Dr. Raymond M. Hann, past president of the society, and the award was made by Dr. H. L. J. Haller, this year's president.

Dr. Urey described experiments now in progress at Columbia by which the internal structure of methane gas molecules containing various mixtures of hydrogen and deuterium is being investigated.

British Aid

(Continued From First Page.)

who voted against the British-aid bill, reported informally that there appeared to be support for a proposal to limit the cash appropriation to \$3,500,000,000 for the first year and make the other \$3,500,000,000 available in authorizations.

A change of this character, he argued, would give Congress a closer check on the progress of the program.

In an atmosphere of strictest secrecy, meanwhile, the House Appropriations Subcommittee called Army, Navy and budget for questioning on how the vast armaments and supply fund would be spent.

Necessity for Secrecy Stressed. The necessity for secrecy was said to have been stressed by one witness, who mentioned the fact that a lot of Germany's success might be attributed to the fact that the Reich kept opponents in the dark as to details of its military program.

The hearings got under way yesterday with a three-hour closed session during which the committee heard general statements by the Secretaries of State, War and Navy advocating prompt passage of the huge appropriation asked by President Roosevelt to "make for democracy every gun, plane and munition of war that we possibly can."

After they left, the subcommittee heard Gen. George C. Marshall, Army chief of staff and received a partial statement from Budget Director Harold D. Smith. The latter was called back for detailed examination today, along with Rear Admiral Royal E. Ingersoll, acting chief of naval operations, and another Army general staff officer.

At the session's conclusion, Representative Woodrum went directly to the House floor. There he obtained unanimous consent that the bill be taken up Tuesday, debated all that day, and voted on Wednesday.

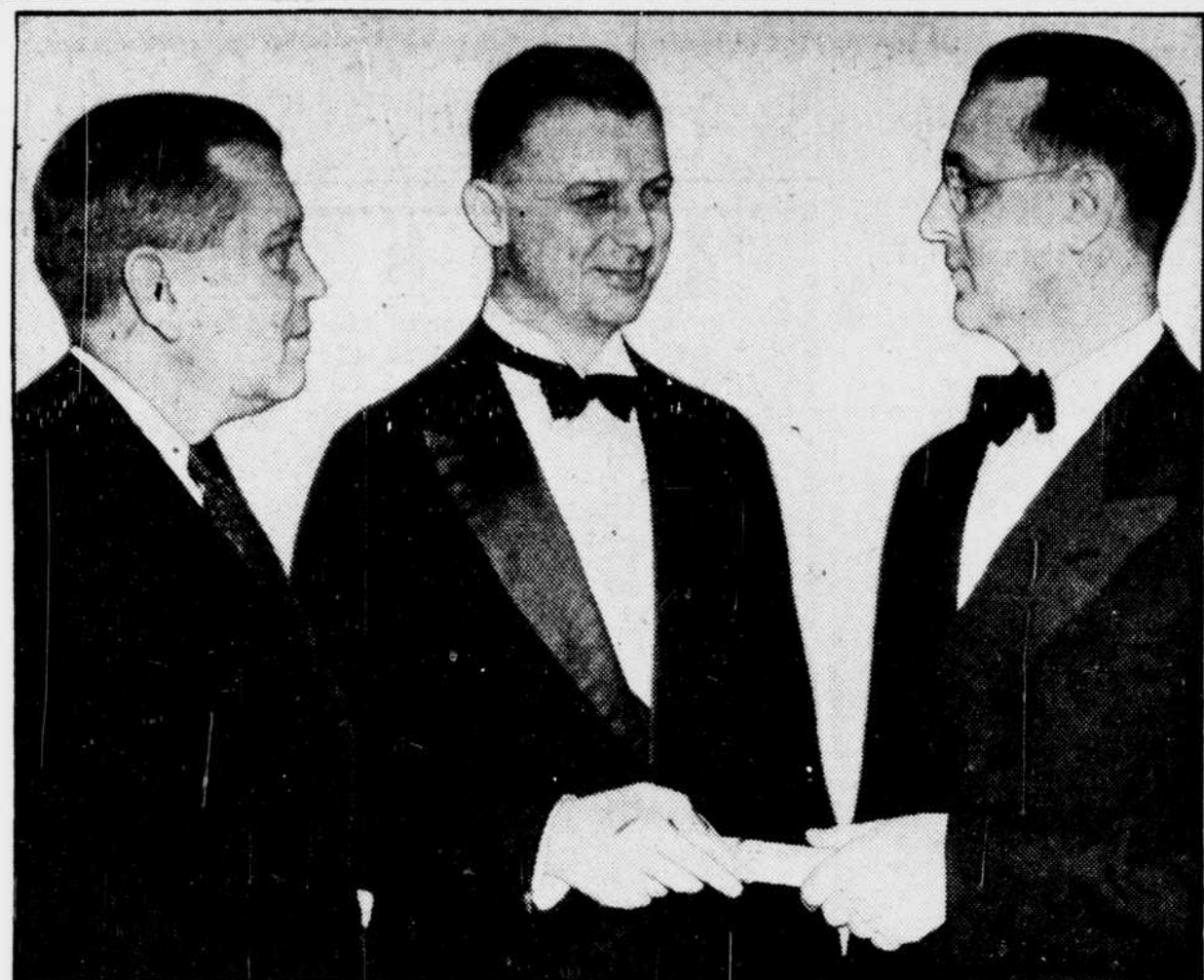
Representative Michener, Republican of Michigan referred to the bill as a "blank check," but smilingly added that it appeared futile to oppose the unanimous consent request.

Piecemeal Action Doubtful. Asked by Representative Michener whether the appropriation would be broken down into an itemized list and reported piecemeal, Representative Woodrum said the entire \$7,000,000,000 "undoubtedly" would be reported at once.

Despite private discussions among legislators as to the immediate need for the whole amount, administration leaders did not believe any effort to reduce the sum, if made, would succeed.

Press Fetes 'Charlie' Hamilton, Correspondent for 59 Years

Charles A. (Uncle Charlie) Hamilton, who admits having been a newspaperman in Washington "since the beginning of movable type," had his 59th birthday celebrated last night when friends helped him celebrate his 85th birthday at the National Press Club. Some 60 of the many friends of Mr. Hamilton heard the venerable reporter tell of crossing the Atlantic on a fast trip—43 days—when he was 13 years old. They also heard the story of the first newspaper assignment he covered for the Buffalo Commercial-Advertiser. This first dispatch was on the admission of a Buffalo attorney to practice before the Supreme Court. The paper refused to pay the 39 cents telegraph toll because the man was a Democrat.



SOCIETY HONORS CHEMIST—Dr. Ferdinand G. Brickwedde of the Bureau of Standards (center) was presented with the Hillebrand Prize last night at a dinner meeting of the Chemical Society in the Cosmos Club. Left to right: Dr. Harold G. Urey, a professor at Columbia University; Dr. Brickwedde and Dr. H. L. J. Haller, president of the society. —Star Staff Photo.

Barney Neighborhood House Aided 80,236 Here During 1940

Large Increase Noted In Nursery Attendance; Case Work Expands

Representative Woodrum, summarizing yesterday's closed hearing because of the unusual interest of the public in this bill, told reporters that the three cabinet officers had "of course, endorsed the bill very definitely and very enthusiastically."

"They showed," he continued, "that these estimates (so much for ships, tanks, planes, ordnance, food, etc.) had been arrived at, not by guess, but by very deliberate examination, thought and study by the Army and Navy," based on a list of British needs.

Representative Woodrum was asked if the cabinet officers thought the appropriation was sufficient for the aid program.

Think Full Amount Needed. "As the situation looks at present," he answered, "this \$7,000,000,000 is what they think is needed now."

"Will it be enough to carry through to June 30, 1943, the life of the authorization bill?"

"No one can say. That remains to be seen."

Meanwhile, congressional officials said it was virtually definite that 30 mosquito boats—useful for chasing submarines—would be sent to Britain soon. A transfer of destroyers was not so certain, but some members of the House Naval Committee said these might be supplied to England as rapidly as replacements for the American fleet reach completion. A total of 13 new destroyers are scheduled to reach that stage before July 1.

As they are commissioned, it was said, an equivalent number of old destroyers may be released to Great Britain. Small Coast Guard units and smaller vessels of the Navy, too, may be included in the program, it was said.

Mrs. Marha Coffesh Dies In Des Moines, Iowa

Mrs. Marha Waring Coffesh, 41, daughter of the late Rev. Luther Hess Waring, former pastor of Georgetown and St. John's Lutheran Churches, died Wednesday in Des Moines, Iowa, and will be buried there today. The Rev. Mr. Waring died here February 3.

Mrs. Coffesh was the wife of Robert M. Coffesh, Des Moines attorney, and was active in Iowa politics. The couple was married in Washington and made their home here for a while.

Mrs. Coffesh, born in Scranton, Pa., came to Washington as a child with her parents. She was a graduate of Western High School and of George Washington University. Besides her husband, she is survived by two daughters, Frances, 11, and Susanne, 15; her mother, Mrs. Frances F. Waring; a brother, Luther P. Waring, president of the American Storage Co., and a sister, Mrs. W. J. Eccleston, all of Washington.

More Buildings Urged For Colored Schools

More buildings for both white and colored school children and additional teachers for colored divisions were cited yesterday as the outstanding emergency needs in the District public schools by Doxey Wilkerson, chairman of the Civic Affairs Committee of the National Negro Congress, in a radio broadcast over Station WINX.

Dr. Wilkerson, a Howard University professor, spoke on the first of a series of 13 broadcasts sponsored by the Washington Assembly of the C. I. O. Women's Auxiliaries.

He asked citizens to support the deficiency appropriations requested by the Board of Education and urged restoration of the amount cut from the 1942 budget estimates now before Congress. He said there are nearly 1,000 classes assigned to colored teacher far too large to permit effective instruction.

Other speakers included Emil Hurja, John O'Donnell, James P. McGovern, George W. Stimson, Col. W. H. Stayton, Ralph Collins and John Mead.

ized groups within the walls of our buildings."

Seven boys' clubs within the settlement were active throughout the year. W. F. Snow of the boys' department reported. In order to expand facilities to take care of the clubs, the boys themselves fixed up additional rooms in a former stable adjoining the settlement garden. Mr. Snow said.

View Children's Work. Reports were also made by Miss Lena Barghausen, in charge of girls' clubs, craft and social activities; Miss Mary E. Simmons of the handicraft classes and Mrs. Jean Goodrich of the music department.

Mrs. George Thorpe, board president, presided at the meeting which was followed by a tour of the house to view the children's after-school activities.

Members of the board acting as hosts for the tour around the settlement were Mrs. Adelbert Althouse, Mrs. Marshall Dier, Mrs. Wilbur J. Carr, Gen. William D. Connor, Miss Dorothy Tirrell, Mrs. Merle Thorpe, Dr. L. F. Schmeckebier, Mrs. Ernest G. Draper, Mrs. Samuel Herrick and Mme. L. Dreyfus-Barney.

Envoy Says Japan Fights Red Expansion in Asia

By the Associated Press. LIMA, Peru, March 14.—Tatzuki Sakamoto, new Japanese Minister to Peru, declared yesterday Japan would be forced to expand her political system and ideological methods in Asia.

He said the Kremlin apparently plans such an attempt, but that at present Russia does not represent a danger to any one.

Sakamoto said he believed after crossing the United States that Japan's friendship with that republic would remain unchanged because Japan's interests are in Asia exclusively and her relations with American republics are purely cultural and commercial.

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Dr. William Barnhart To Assume Church Office March 24

Installation Service For New Federation Secretary Arranged

Dr. William R. Barnhart, who for 10 years headed the department of religion at Hood College, will be installed as executive secretary of the Washington Federation of Churches at special exercises at 8 p.m. March 24 in Calvary Baptist Church.

Dr. Edward H. Pruden, pastor of the First Baptist Church and president of the federation, will preside. The invocation will be offered by Dr. J. Hillman Hollister of Chevy Chase Presbyterian Church. Dr. Howard Stone Anderson of the First Congregational Church will deliver the charge to the federation and Dr. C. Ellis Williams, district superintendent of the Methodist Church, will give the charge to the new executive secretary. The installation prayer will be offered by Dr. Raphael H. Miller of the National City Christian Church.

Dr. Barnhart will speak on the topic "What It Means to Be a Christian." The closing prayer and benediction will be given by Dr. John L. Barnhart of Baltimore, father of the new executive secretary.

The installation service will be preceded by the federation's 21st annual dinner, to be held at 6 p.m. the same evening in Calvary Baptist Church.

Dr. Barnhart was educated at Johns Hopkins University, Union Theological Seminary and Columbia University. He was professor of religion and philosophy at Pacific University in Oregon from 1927 to 1930, after which he became associated with Hood College.

Heads Hospital Board

FREDERICK, Md., March 14 (AP).—Miss M. Louise Johnson has been elected president of the Board of Managers of the Frederick City Hospital following the resignation of Mrs. Casper E. Cline after 24 years of service. Mrs. Cline was unanimously named president emerita.

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Academy to Get Votive Vessel In Revival of Old Sea Custom

Special Dispatch to The Star.

ANNAPOLIS, Md., March 14.—Reviving an ancient custom of seafaring peoples, 75 officers of the old Construction Corps of the Navy will come here Sunday to present a votive ship model to the Naval Academy Chapel.

The elaborate gold and silver model, over 10 feet long, will be formally presented during chapel services to Rear Admiral Russell Willson, academy superintendent, by Joseph W. Powell, 1897 academy graduate and former Navy constructor.

The ship bears a green cross on its silver foremast. It is of the car-rack type, with a high bow and stern, elaborately decorated, which saw its prime on the high seas about 1450.

Academy officials pointed out that gifts of votive ships, accompanied by prayers for men in peril on the seas, were frequent in ancient Egypt, and the custom was adopted by Christians during the Middle Ages.

The Construction Corps, whose members are making the presentation, was amalgamated with the line of the Navy in 1940. Rear Admiral Alexander H. Van Keuren, former chief constructor, will speak at the services, outlining the history of the corps.

Mexico has completed plans for a great Indian center of five educational and social welfare units in Guerrero.

Bubbles Used to Prevent Ice Forming at Coulee

"I'm Forever Blowing Bubbles" might well become the winter theme song for the Grand Coulee Dam across the Columbia River in Washington.

Myriads of bubbles are blown through the water on the upstream face of the dam to prevent the formation of ice on trash racks and other structures.

A thousand tiny nozzles are fastened to the concrete of the dam spouting air, which keeps the water in motion, thereby preventing freezing.

Compressed air is furnished by four machines installed in a gallery in the dam. From 2 to 3 cubic feet of compressed air spouts from each nozzle every minute.

Exquisite!!



"Like a diamond Its holy flame forever burneth" —SOUTHEY



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14 kt. gold hand-fashioned setting.



ENGAGEMENT RING

\$50.00

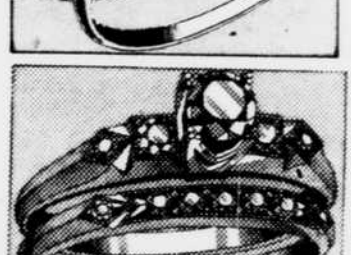
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